Patent 3020.PHM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of Chantranukul et al.

Serial No.

Group Art Unit:

Filed: March 2, 2004

Examiner:

For: BLENDS OF DIFFERENT ACYL GELLAN GUMS

AND STARCH

INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. 1.97

Commissioner for Patents Alexandria, VA 22313

SIR:

In compliance with Applicants' duty of disclosure under 37 C.F.R. 1.56, and in accordance with 37 C.F.R. 1.98, Applicants' direct the Examiner's attention to the publications listed on the PTO #1449 form which is being submitted herewith. Copies of non-patent publications listed on the #1449 form are being submitted herewith.

The disclosure of the above references does not constitute an admission that they are relevant or material to the claims or are "prior art" to the subject application. The citation of them is not to be construed as a representation that no better art exists or that a search has been made; they are cited merely as constituting collectively the closest art of which applicants are aware.

No additional fee is required since this information is filed within 3 months of the filing date.

Respectfully submitted,

Karen G. Kaiser, Rég. No. 33,506

Attorney for Applicant(s)

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March 2, 2004

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Form PTO-1449 (REV. 7/80)	U.S. Department of Commerce Patent and Trademark Office			Atty. Docket No. 3020.PHM				Serial No.			
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)											
(USE SEVERAL SHEELS II HECESSALY)					Applicant: Chantranukul et al.						
				Filing Date	e: March 02, 2004			Group			
		•	U.S. PAT	TENT DOCUMENTS							
*Examiner Initial			Document Number	Date	Name	Class	Subclass	Filing Date if Appro- Priate			
	AA	4,30	6,059	12/15/81	Yokobayashi et al.						
	AB	4,32	6,053	04/20/82	Kang et al.						
	AC	4,38	5,123	05/24/83	Kang et al.						
	AD	4,57	6,284	03/18/86	Wittwer et al.						
	AE	4,59	1,475	05/27/86	Tomka et al.						
	AF	4,67	3,438	06/16/87	Wittwer et al.			_			
	AG	4,73	8,724	04/19/88	Wittwer et al.						
	АН	4,86	9,916	09/26/89	Clark et al.			•			
	Al	5,08	9,307	02/18/83	Ninomiya et al.						
	AJ	5,09	5,054	03/10/92	Lay et al.						
	AK	5,11	2,445	05/12/92	Winston, Jr. et al.						
FOREIGN PA					UMENTS						
							·	Translat	ion		
-			**************************************			Class	Subclass	Yes	No		
	AL	EP 0	547 551	06/23/93	Europe						
	AM	EP 1	103 254 (English abstract only)	05/30/01	Europe						
	AN	EP 1 186 626		03/13/02	Europe						
	AO	EP 1 249 219 (English claims only)		10/16/02	Europe						
	AP	GB 2	2 343 669	05/17/00	Great Britain						
OTHER REFERENCES (Including					e, Date, Pertinent Page	s, Etc.)					
	AR		Krochta, John M. and Catherine De Mulder-Johnston, "Edible and Biodegradable Polymer Films: Challenges and Opportunities", Food Technology, Vol. 51, No. 2: 61-74, 1997								
	AS		Miyoshi, E. and K. Nishinari, "Rhaqeous solutions", Prog Colloid P	heological and thermal properties near the sol-gel transition of gellan gum Polym Sci 114: 68-82, 1999							
-	AT		Miyoshi, E. and K. Nishinari, "Effe Colloid Polym Sci 114: 83-91, 1999	fects of sugar on the sol-gel transition in gellan gum aqeous solutions", Prog							
EXAMINER				DATE CONSIDERED							
	INER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							not in			

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LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)										
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				Filing Date:	March 02, 2004			Group		
			U.S. PAT	TENT DOCUMENTS						
*Examiner Initial			Document Number	Date	Name	Class	Subclass	Filing D Appi Pria	ro-	
	AA	5,19	00,927	03/02/93	Chang et al.					
	АВ	5,34	2,626	08/30/94	Winston, Jr. et al.		i			
	AC	5,62	20,757	04/15/97	Ninomiya et al.					
	AD	5,75	66,123	05/26/98	Yamamoto et al.					
	AE	6,21	0,709	04/03/01	Laba et al.					
	AF	6,21	4,376	04/10/01	Gennadios					
	AG	6,34	0,473	01/22/02	Tanner et al.					
	АН	6,34	4,346	02/05/02	Alami et al.					
	Al	6,37	75,981	04/23/02	Gilleland et al.					
	AJ	6,47	5,542	11/05/02	Soeda et al.					
	AK	6,51	7,865	02/11/03	Cade et al.					
			FOREIGN P	PATENT DOCU	JMENTS					
								Transla	ation	
	<u> </u>			<u> </u>		Class	Subclass	Yes	No	
	AL	wo	95/34269	12/21/95	PCT					
	AM	wo	98/42316	10/01/98	PCT			<u> </u>		
	AN	WO 00/10538		03/02/00	PCT			<u> </u>		
	AO	wo	00/18835	06/04/00	PCT					
	AP	wo	01/03677	01/18/01	PCT					
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)										
	AR	Vemuri, Sriram, "Measurement of soft elastic gelatin capsule firmness with a universal testing machine", Drug Development and Industrial Pharmacy, 10 (3): 409-423, 1984								
	AS									
	AT									
EXAMINER				DATE CONS	IDERED					
			rence considered, whether or not cite and not considered. Include copy o					citation if	not in	

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Form PTO-1449 (REV. 7/80)	49 U.S. Department of Commerce Patent and Trademark Office			Atty. Docket No. 3020.PHM						
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•		- -	Applicant:	Applicant: Chantranukul et al.						
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		U.S	S. PATENT DOCUM	//ENTS			·			
*Examiner Initial		Document Number	Date	Name	Class	Subclass	ubclass Filing D Appr Pria			
	АА	6,528,088	03/04/03	Gilleland et al.						
	АВ	6,582,727	06/24/03	Tanner et al.						
	AC	6,635,275	10/21/03	Scott et al.						
	AD	6,649,188	11/18/03	Gilleland et al.						
	AE	2003/0211146	11/13/03	Scott et al.						
	AF									
	AG									
	АН									
	Al									
	AJ									
	AK									
		FORE	IGN PATENT DOC	UMENTS						
							Transl	ation		
					Class	Subclass	Yes	No		
	AL	WO 01/37817	05/31/01	РСТ			х			
	AM	WO 01/91721	12/06/01	PCT		<u> </u>	<u> </u>	!		
	AN	WO 01/92400	12/06/01	PCT		<u> </u>		!		
	AO	WO 01/92401	12/06/01	РСТ		<u> </u>				
	AP					<u> </u>				
		OTHER REFERENCES (Inc	luding Author, Titl	ie, Date, Pertinent Paç	jes, Etc.)					
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		if reference considered, whether or a mance and not considered. Include					citation if	f not in		